



09-02-03

1656

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

KAPIL, SANJAY et al.

Serial No. : 10/058,597

Filed: January 28, 2002

IDENTIFICATION AND APPLICATIONS
OF PORCINE REPRODUCTIVE AND
RESPIRATORY SYNDROME VIRUS
DISEASE SUSCEPTIBILITY FACTOR(S)
FOR IMPROVED SWINE BREEDING AND
DEVELOPMENT OF NON-SIMIAN
RECOMBINANT CELL LINE FOR
PROPAGATION OF THE VIRUS AND A
TARGET FOR A NOVEL CLASS OF
ANTIVIRAL COMPOUNDS

Docket No. 30921-C1P1

Group Art Unit No. 1656

Examiner:

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Commissioner of Patents
Alexandra, VA 22313-1450

Sir:

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Transmitted herewith are: Information Disclosure Statement (1 page); Form 1449
(1 page); 20 references; and return postcard.

EV 343764556 US

Respectfully submitted,

Date: 8/29/03

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Sir:

INFORMATION DISCLOSURE STATEMENT

The attached references are being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, as required by 37 C.F.R. § 1.56. Should any further fees be required, the Office is authorized to deduct the same from Deposit Account No. 19-0522.

Respectfully submitted,

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FORM PTO-1449
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
30921-CIPSERIAL NO.
10/058,597INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Use several sheets if necessary)

APPLICANT: KAPIL, et al.

FILING DATE:
January 28, 2002GROUP:
1656

U.S. PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 5 1 0 2 5 8	04/23/1996	Sanderson et al			
	5 5 8 7 1 6 4	12/24/1996	Sanderson et al			
	5 6 9 5 7 6 6	12/09/1997	Paul et al			
	5 6 9 8 2 0 3	12/16/1997	Visser et al			
	5 8 4 6 8 0 5	12/08/1998	Collins et al			
	5 8 5 8 7 2 9	01/12/1999	Van Woensel et al			
	6 0 1 5 6 6 3	01/18/2000	Wesley et al			
	6 0 3 3 8 4 4	03/07/2000	Visser et al			
	6 1 1 0 4 6 7	08/29/2000	Paul et al			
	6 1 4 3 8 8 0	11/07/2000	Soumillion et al			
	6 4 1 0 0 3 1	06/25/2002	Kwang et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Bautista, Elida M., et al.; Comparison of Porcine Alveolar Macrophages and CL 2621 for the Detection of Porcine Reproductive and Respiratory Syndrome (PRRS) Virus and Anti-PRRS Antibody; <i>J Vet Diagn Invest</i> 5:163-165 (1993).
	Christopher-Hennings, Jane, et al.; Detection of Porcine Reproductive and Respiratory Syndrome Virus in Boar Semen by PCR; <i>Journal of Clinical Microbiology</i> 1730-1734 (1995).
	Collins, James E., et al.; Isolation of Swine Infertility and Respiratory Syndrome Virus (Isolate ATCC VR-2332) in North America and Experimental Reproduction of the Disease in Gnotobiotic Pigs; <i>J Vet Diagn Invest</i> 4:117-126 (1992).
	Goyal, Sagar M.; Porcine Reproductive and Respiratory Syndrome; <i>J Vet Diagn Invest</i> 5:656-664 (1993).
	Kim, H.S., et al.; Enhanced Replication of Porcine Reproductive and Respiratory Syndrome (PRRS) Virus in a Homogeneous Subpopulation of MA-104 Cell Line; <i>Arch Virol</i> 133:477-483 (1993).
	Wensvoort, G., et al.; Mystery Swine Disease in the Netherlands: The Isolation of Lelystad Virus; <i>The Veterinary Quarterly</i> 13:3 pgs. 121-130 (1991).
	Witte, Steven B., et al.; Development of a Recombinant Nucleoprotein-Based Enzyme-Linked Immunosorbent Assay for Quantification of Antibodies Against Porcine Reproductive and Respiratory Syndrome Virus; <i>Clin. Diagn. Lab. Immunol.</i> 7:4 pgs. 700-702 (2000).
	Kapil et al.; Intellectual Property Disclosure; Novel strategy for converting virally resistant cell lines to susceptible cell lines
	Elbers, Knut et al; U.S. Publication No. 20020012670; Recombinant attenuation of porcine reproductive and respiratory syndrome (PRRSV); January 31, 2002

EXAMINER: Initial if citation considered, whether not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.